

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

### Reclamation District No. 2101 Blewett

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start		Rating **	A	Issue No.	2		
LM End		Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Operations & Maintenance Manuals				o		o
					o		o
DWR ID	DWR_RD2101_01_s_2013_2						
Comment Code							
Inspector Comment							
The LMA has the O&M Manual available electronically.							

Photo 1 of 1 : SP\_2019\_RD2101\_326\_2\_20190313\_00001.jpg



View of the O&amp;M manual and other documentation.

LM Start		Rating **	A	Issue No.	4		
LM End		Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Emergency Supplies & Equipment				o		o
					o		o
DWR ID	DWR_RD2101_01_s_2013_4						
Comment Code							
Inspector Comment							
LMA has emergency supplies on site at the warehouse.							

Photo 1 of 2 : SP\_2019\_RD2101\_326\_4\_20190313\_00002.jpg



View of the emergency flood fight supplies in the shop.

LM Start		Rating **	A	Issue No.	4 (cont)
LM End		Issue Type +	Ma	Location *	N/A

Photo 2 of 2 : SP\_2019\_RD2101\_326\_4\_20190313\_00003.jpg



Another view of the emergency flood fight supplies in the shop.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
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### Reclamation District No. 2101 Blewett

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start		Rating **	M	Issue No.	5	
LM End		Issue Type +	Ma	Location *	N/A	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Flood Preparedness & Training				o	
					o	
DWR ID	DWR_RD2101_01_s_2013_5					
Comment Code						
Inspector Comment						
LMA needs to take a flood fight class.						

No Photos

LM Start	0.04	Rating **	M	Issue No.	12
LM End	0.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.657648 °	37.657648 °
				-121.253812 °	-121.253812 °
DWR ID	DWR_RD2101_01_s_2012_12				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
LMA is actively exterminating rodents in this area.					

Photo 1 of 1 : SP\_2019\_RD2101\_326\_12\_20190313\_00005.jpg



View of the rodent holes on the waterside levee slope, facing upstream.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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### Reclamation District No. 2101 Blewett

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start	0.05	Rating **	M	Issue No.	945
LM End	0.05	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.657801 °	37.657801 °
				-121.253745 °	-121.253745 °
DWR ID	20699				
Comment Code					
Inspector Comment					
FS_ID:53384 DS_ID:20699 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/10/2018 The levee does not show any signs of integrity issues and the headwalls are in tact, even though the pipe has heavy sediment buildup. Downgrading to Non-Urgent and recommend cleaning out the pipe to allow drainage to pass through unobstructed (D. Sanoski - DWR UCIP). 11/16/2016 Same as previous inspection slide gate still missing. Also dense vegetation prevents access to crossing. Recommend removing vegetation along pipe alignment and both concrete headwalls to conduct proper inspection of structure. (O. Magana - DWR UCIP)09/17/2013 Slide gate missing from WS toe. Pipe has heavy sediment buildup. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 3 feet below the crown. Concrete headwalls on both ends. Slide gate at the headwall on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 12, December 1968, (HLM 0.05), Drawing No. 07-04-1666, Sheets 1666/18 and 1666/52, (Station 00+70)]. FS Date: 10/10/2018 1:39:00 PM					

Photo 1 of 3 : UCIP\_SP\_2019\_53384\_47962.jpg



Headwall on WS toe.

LM Start	<b>0.05</b>	Rating **	M	Issue No.	<b>945 (cont)</b>
LM End	<b>0.05</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_53384\_47961.jpg



Pipe and headwall visible on LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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### Reclamation District No. 2101 Blewett

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start	0.05	Rating **	M	Issue No.	945 (cont)	
LM End	0.05	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.657801 °	37.657801 °	
				-121.253745 °	-121.253745 °	
DWR ID	20699					
Comment Code						
Inspector Comment						
FS_ID:53384 DS_ID:20699 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/10/2018 The levee does not show any signs of integrity issues and the headwalls are in tact, even though the pipe has heavy sediment buildup. Downgrading to Non-Urgent and recommend cleaning out the pipe to allow drainage to pass through unobstructed (D. Sanoski - DWR UCIP). 11/16/2016 Same as previous inspection slide gate still missing. Also dense vegetation prevents access to crossing. Recommend removing vegetation along pipe alignment and both concrete headwalls to conduct proper inspection of structure. (O. Magana - DWR UCIP)09/17/2013 Slide gate missing from WS toe. Pipe has heavy sediment buildup. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 3 feet below the crown. Concrete headwalls on both ends. Slide gate at the headwall on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 12, December 1968, (HLM 0.05), Drawing No. 07-04-1666, Sheets 1666/18 and 1666/52, (Station 00+70)]. FS Date: 10/10/2018 1:39:00 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53384\_47960.jpg



Pipe and headwall visible on LS toe.

LM Start	0.08	Rating **	A	Issue No.	39
LM End	2.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.657823 °	37.641545 °
				-121.253292 °	-121.229744 °
DWR ID	DWR_RD2101_01_s_2019_39				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation on landside slope is well maintained.					

Photo 1 of 1 : SP\_2019\_RD2101\_326\_39\_20190522\_00054.jpg



Typical view of vegetation on landside slope. (Spring 2019)

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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### Reclamation District No. 2101 Blewett

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start	0.08	Rating **	A	Issue No.	29
LM End	2.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.657824 °	37.641545 °
				-121.253291 °	-121.229744 °
DWR ID	DWR_RD2101_01_s_2019_29				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation on waterside slope is well maintained.					

Photo 1 of 1 : SP\_2019\_RD2101\_326\_29\_20190522\_00055.jpg



Typical view of vegetation on waterside slope. (Spring 2019)

LM Start	0.10	Rating **	C	Issue No.	15
LM End	0.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.657555 °	37.657555 °
				-121.252902 °	-121.252902 °
DWR ID	DWR_RD2101_01_s_2017_15				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Large rodent holes were filled.					

No Photos

LM Start	0.14	Rating **	C	Issue No.	31
LM End	0.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.657170 °	37.657170 °
				-121.252498 °	-121.252498 °
DWR ID	DWR_RD2101_01_f_2018_31				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

### Reclamation District No. 2101 Blewett

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start	0.20	Rating **	A/W	Issue No.	946
LM End	0.20	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.657130 °	37.657130 °
				-121.251695 °	-121.251695 °
DWR ID	20700				
Comment Code					
Inspector Comment					
FS_ID:20752					
DS_ID:20700					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 20-inch steel drainage pipe through the levee, 2 feet below the crown. Concrete U-shaped headwall and flap gate on the waterside (WS) end. Pump on pile structure on the landside (LS). [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 12, December 1968, (HLM 0.20), 18-inch pipe listed].					
FS Date: 9/19/2013					

Photo 1 of 3 : UCIP\_SP\_2019\_20752\_34980.jpg



Pump on platform at LS.

LM Start	<b>0.20</b>	Rating **	A/W	Issue No.	<b>946 (cont)</b>
LM End	<b>0.20</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_20752\_34979.jpg



Pump on platform at LS.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

### Reclamation District No. 2101 Blewett

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start	0.20	Rating **	A/W	Issue No.	946 (cont)	
LM End	0.20	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.657130 °	37.657130 °	
				-121.251695 °	-121.251695 °	
DWR ID	20700					
Comment Code						
Inspector Comment						
FS_ID:20752						
DS_ID:20700						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 20-inch steel drainage pipe through the levee, 2 feet below the crown. Concrete U-shaped headwall and flap gate on the waterside (WS) end. Pump on pile structure on the landside (LS). [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 12, December 1968, (HLM 0.20), 18-inch pipe listed].						
FS Date: 9/19/2013						

Photo 3 of 3 : UCIP\_SP\_2019\_20752\_34978.jpg



Concrete U-shaped headwall on LS toe at willow tree on WS toe.

LM Start	0.31	Rating **	M	Issue No.	947
LM End	0.31	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.658142 °	37.658142 °
				-121.250047 °	-121.250047 °
DWR ID	20701				
Comment Code					
Inspector Comment					
FS_ID:20785 DS_ID:20701 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Inlet blocked by soil from beaver activity. Outlet covered in soil. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 21 feet below the crown. Headwall and slide gate on the landside (LS) end. Concrete U-shaped headwall and flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 12, December 1968, (HLM 0.31)]. FS Date: 9/19/2013					

Photo 1 of 3 : UCIP\_SP\_2019\_20785\_35046.jpg



Slide gate at concrete headwall on LS toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

### Reclamation District No. 2101 Blewett

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start	0.31	Rating **	M	Issue No.	947 (cont)	
LM End	0.31	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.658142 °	37.658142 °	
				-121.250047 °	-121.250047 °	
DWR ID	20701					
Comment Code						
Inspector Comment						
FS_ID:20785 DS_ID:20701 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Inlet blocked by soil from beaver activity. Outlet covered in soil. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 21 feet below the crown. Headwall and slide gate on the landside (LS) end. Concrete U-shaped headwall and flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 12, December 1968, (HLM 0.31)]. FS Date: 9/19/2013						

LM Start	<b>0.31</b>	Rating **	M	Issue No.	<b>947 (cont)</b>
LM End	<b>0.31</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_20785\_35045.jpg



Slide gate at concrete headwall on LS toe.

Photo 3 of 3 : UCIP\_SP\_2019\_20785\_35044.jpg



Outlet covered in soil but likely at willow tree on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

### Reclamation District No. 2101 Blewett

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start	0.51	Rating **	M	Issue No.	46
LM End	0.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.660072 °	37.660072 °
				-121.247746 °	-121.247746 °
DWR ID	DWR_RD2101_01_s_2019_46				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.58	Rating **	C	Issue No.	32
LM End	0.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.660022 °	37.660022 °
				-121.246318 °	-121.246318 °
DWR ID	DWR_RD2101_01_f_2018_32				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.75	Rating **	M	Issue No.	34
LM End	0.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.659733 °	37.659733 °
				-121.243363 °	-121.243363 °
DWR ID	DWR_RD2101_01_f_2018_34				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start	0.78	Rating **	A/W	Issue No.	20
LM End	0.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.659436 °	37.659436 °
				-121.242965 °	-121.242965 °
DWR ID	DWR_RD2101_01_f_2016_20				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.82	Rating **	A/W	Issue No.	19
LM End	0.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.658918 °	37.658918 °
				-121.242544 °	-121.242544 °
DWR ID	DWR_RD2101_01_s_2017_19				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodents have been eradicated. Monitor area.					

Photo 1 of 1 : SP\_2019\_RD2101\_326\_19\_20190313\_00010.jpg



View of the bait station on the levee slope.

LM Start	0.86	Rating **	M	Issue No.	21
LM End	0.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.658715 °	37.658715 °
				-121.241945 °	-121.241945 °
DWR ID	DWR_RD2101_01_f_2016_21				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP\_2019\_RD2101\_326\_21\_20190313\_00011.jpg



View of the rodent hole on the landside slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

### Reclamation District No. 2101 Blewett

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start	0.86	Rating **	M	Issue No.	35
LM End	0.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.658706 °	37.658706 °
				-121.241913 °	-121.241913 °
DWR ID	DWR_RD2101_01_f_2018_35				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.89	Rating **	M	Issue No.	22
LM End	0.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.658549 °	37.657622 °
				-121.241467 °	-121.241187 °
DWR ID	DWR_RD2101_01_f_2016_22				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.97	Rating **	M	Issue No.	47
LM End	0.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.657464 °	37.657464 °
				-121.241147 °	-121.241147 °
DWR ID	DWR_RD2101_01_s_2019_47				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

### Reclamation District No. 2101 Blewett

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start	1.02	Rating **	N	Issue No.	33
LM End	1.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.656745 °	37.656745 °
				-121.241104 °	-121.241104 °
DWR ID	DWR_RD2101_01_f_2014_33				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP\_2019\_RD2101\_326\_33\_20190313\_00019.jpg



View of the tree stump at the waterside levee toe.

LM Start	1.10	Rating **	M	Issue No.	23
LM End	1.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.655521 °	37.655521 °
				-121.241191 °	-121.241191 °
DWR ID	DWR_RD2101_01_s_2017_23				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.24	Rating **	M	Issue No.	48
LM End	1.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.653946 °	37.653946 °
				-121.239652 °	-121.239652 °
DWR ID	DWR_RD2101_01_s_2019_48				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

### Reclamation District No. 2101 Blewett

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start	1.69	Rating **	C	Issue No.	38
LM End	1.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.651341 °	37.650980 °
				-121.232687 °	-121.231287 °
DWR ID	DWR_RD2101_01_f_2018_38				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	1.93	Rating **	A/W	Issue No.	41
LM End	1.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.650205 °	37.650205 °
				-121.228507 °	-121.228507 °
DWR ID	DWR_RD2101_01_f_2018_41				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.96	Rating **	C	Issue No.	42
LM End	2.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.649944 °	37.649658 °
				-121.227954 °	-121.227479 °
DWR ID	DWR_RD2101_01_f_2018_42				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

### Reclamation District No. 2101 Blewett

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start	2.23	Rating **	C	Issue No.	24
LM End	2.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.647088 °	37.647088 °
				-121.225077 °	-121.225077 °
DWR ID	DWR_RD2101_01_s_2017_24				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Rodents have been eradicated and holes have been backfilled.					

No Photos

LM Start	2.46	Rating **	M	Issue No.	25	
LM End	2.46	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			37.644691 °		37.644691 °
				-121.227681 °		-121.227681 °
DWR ID	DWR_RD2101_01_s_2017_25					
Comment Code						
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.						
Inspector Comment						

Photo 1 of 1 : SP\_2019\_RD2101\_326\_25\_20190313\_00014.jpg



View of the multiple rodent burrows on the levee slope.

LM Start	2.52	Rating **	C	Issue No.	30
LM End	2.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.644166 °	37.644166 °
				-121.228386 °	-121.228386 °
DWR ID	DWR_RD2101_01_s_2017_30				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Multiple large rodent holes have been filled.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

### Reclamation District No. 2101 Blewett

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start	2.56	Rating **	U	Issue No.	36
LM End	2.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.643733 °	37.643733 °
				-121.229083 °	-121.229083 °
DWR ID	DWR_RD2101_01_s_2017_36				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP\_2019\_RD2101\_326\_36\_20190313\_00020.jpg



View of the multiple rodent burrows on the levee slope.

LM Start	2.67	Rating **	U	Issue No.	37
LM End	2.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.642436 °	37.642436 °
				-121.229854 °	-121.229854 °
DWR ID	DWR_RD2101_01_s_2017_37				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP\_2019\_RD2101\_326\_37\_20190313\_00021.jpg



View of the multiple rodent burrows on the levee slope.

LM Start	2.74	Rating **	U	Issue No.	49
LM End	2.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.641545 °	37.641545 °
				-121.229744 °	-121.229744 °
DWR ID	DWR_RD2101_01_s_2019_49				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
There is erosion on the waterside shoulder extending down the slope. Most likely caused by surface runoff from adjacent highway. Scheduled for repair.					

Photo 1 of 1 : SP\_2019\_RD2101\_326\_49\_20190522\_00056.jpg



Waterside shoulder erosion most likely caused by surface runoff from adjacent highway. RD has scheduled repair. (Spring 2019)

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

### Reclamation District No. 2101 Blewett

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start	2.82	Rating **	M	Issue No.	43
LM End	2.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.640602 °	37.640387 °
				-121.230210 °	-121.230140 °
DWR ID	DWR_RD2101_01_f_2018_43				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control vegetation on the landside slope.					

No Photos

LM Start	2.82	Rating **	M	Issue No.	51
LM End	2.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.640602 °	37.640387 °
				-121.230210 °	-121.230140 °
DWR ID	DWR_RD2101_01_s_2019_51				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control vegetation on the waterside slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

### Reclamation District No. 2101 Blewett

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start	2.82	Rating **	M	Issue No.	950	
LM End	2.82	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.640566 °	37.640566 °	
				-121.230216 °	-121.230216 °	
DWR ID	20705					
Comment Code						
Inspector Comment						
FS_ID:53201 DS_ID:20705 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/10/2018 Although there was heavy vegetation, there were no visible levee or pipe threats; downgrading to Non-Urgent (D. Sanoski - DWR UCIP).11/16/2016 No access available. Need to coordinate with LMA to obtain access for proper inspection at a later date. (O. Magana - DWR UCIP)09/19/2013 Flap gate missing from WS headwall. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 11 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 12, December 1968, (HLM 2.85), Drawing No. 07-04-1666, Sheets 1666/13 and 1666/51, (Station 421+30)]. FS Date: 10/10/2018 2:24:25 PM						

Photo 1 of 3 : UCIP\_SP\_2019\_53201\_35142.jpg



Concrete headwall visible at LS toe in ditch.

LM Start	<b>2.82</b>	Rating **	M	Issue No.	<b>950 (cont)</b>
LM End	<b>2.82</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_53201\_35141.jpg



Concrete headwall visible on WS toe at canal.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

### Reclamation District No. 2101 Blewett

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start	2.82	Rating **	M	Issue No.	950 (cont)	
LM End	2.82	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.640566 °	37.640566 °	
				-121.230216 °	-121.230216 °	
DWR ID	20705					
Comment Code						
Inspector Comment						
FS_ID:53201 DS_ID:20705 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/10/2018 Although there was heavy vegetation, there were no visible levee or pipe threats; downgrading to Non-Urgent (D. Sanoski - DWR UCIP).11/16/2016 No access available. Need to coordinate with LMA to obtain access for proper inspection at a later date. (O. Magana - DWR UCIP)09/19/2013 Flap gate missing from WS headwall. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 11 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 12, December 1968, (HLM 2.85), Drawing No. 07-04-1666, Sheets 1666/13 and 1666/51, (Station 421+30)]. FS Date: 10/10/2018 2:24:25 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53201\_35140.jpg



Concrete headwall at LS toe.

LM Start	2.83	Rating **	U	Issue No.	27
LM End	2.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.640425 °	37.640425 °
				-121.230139 °	-121.230139 °
DWR ID	DWR_RD2101_01_s_2012_27				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are burrows on both sides of the levee. Backfill the burrows to restore the levee to original condition.					

Photo 1 of 1 : SP\_2019\_RD2101\_326\_27\_20190313\_00016.jpg



View of multiple rodent holes on the levee slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

### Reclamation District No. 2101 Blewett

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start	2.85	Rating **	M	Issue No.	28
LM End	2.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.640134 °	37.640134 °
				-121.230019 °	-121.230019 °
DWR ID	DWR_RD2101_01_s_2012_28				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes were backfilled but some are still active. Continue to monitor the area and exterminate the rodents.					

Photo 1 of 1 : SP\_2019\_RD2101\_326\_28\_20190313\_00017.jpg



View of numerous rodent holes with bait stations present.

LM Start	2.87	Rating **	A/W	Issue No.	953
LM End	2.87	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.639924 °	37.639924 °
				-121.230005 °	-121.230005 °
DWR ID	20707				
Comment Code					
Inspector Comment					
FS_ID:20875					
DS_ID:20707					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 1 of 2: 24-inch corrugated metal drainage pipe through the levee, 12.5 feet below the crown. Concrete U-shaped headwalls on each end. Flap gate on the waterside (WS) end.					
[Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 12, December 1968, (HLM 2.89)].					
FS Date: 9/19/2013					

Photo 1 of 3 : UCIP\_SP\_2019\_20875\_35156.jpg



Flapgate on WS toe at concrete headwall.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

### Reclamation District No. 2101 Blewett

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start	2.87	Rating **	A/W	Issue No.	953 (cont)	
LM End	2.87	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.639924 °	37.639924 °	
				-121.230005 °	-121.230005 °	
DWR ID	20707					
Comment Code						
Inspector Comment						
FS_ID:20875						
DS_ID:20707						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 1 of 2: 24-inch corrugated metal drainage pipe						
through the levee, 12.5 feet below the crown. Concrete U-shaped						
headwalls on each end. Flap gate on the waterside (WS) end.						
[Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin						
O&M Manual 12, December 1968, (HLM 2.89)].						
FS Date: 9/19/2013						

Photo 2 of 3 : UCIP\_SP\_2019\_20875\_35155.jpg



Inlet on LS toe with concrete headwall.

LM Start	<b>2.87</b>	Rating **	A/W	Issue No.	<b>953 (cont)</b>
LM End	<b>2.87</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_SP\_2019\_20875\_35154.jpg



Inlet on LS toe with concrete headwall.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start	2.87	Rating **	A/W	Issue No.	954
LM End	2.87	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.639884 °	37.639884 °
				-121.230008 °	-121.230008 °
DWR ID	20709				
Comment Code					
Inspector Comment					
FS_ID:20876					
DS_ID:20709					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 2 of 2: 24-inch drainage pipe of an unknown material through the levee, 12.5 feet below the crown. Concrete U-shaped headwalls on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 12, December 1968, (HLM 2.89)].					
FS Date: 9/19/2013					

Photo 1 of 3 : UCIP\_SP\_2019\_20876\_35159.jpg



Concrete inlet on LS toe at canal.

LM Start	<b>2.87</b>	Rating **	A/W	Issue No.	<b>954 (cont)</b>
LM End	<b>2.87</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_20876\_35158.jpg



Concrete U-shaped headwall on WS toe with flapgate.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start	2.87	Rating **	A/W	Issue No.	954 (cont)
LM End	2.87	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.639884 °	37.639884 °
				-121.230008 °	-121.230008 °
DWR ID	20709				
Comment Code					
Inspector Comment					
FS_ID:20876					
DS_ID:20709					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 2 of 2: 24-inch drainage pipe of an unknown material through the levee, 12.5 feet below the crown. Concrete U-shaped headwalls on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 12, December 1968, (HLM 2.89)].					
FS Date: 9/19/2013					

Photo 3 of 3 : UCIP\_SP\_2019\_20876\_35157.jpg



Concrete inlet on LS toe at canal.

LM Start	2.90	Rating **	M	Issue No.	50
LM End	3.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.639487 °	37.637667 °
				-121.230295 °	-121.233062 °
DWR ID	DWR_RD2101_01_s_2019_50				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.16	05/22/2019 05/22/2019	Alberto De Leon

LM Start	<b>2.91</b>	Rating **	M	Issue No.	<b>45</b>
LM End	<b>3.10</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		37.639463°	37.637631°	
			-121.230315°	-121.233070°	
DWR ID	DWR_RD2101_01_f_2018_45				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

### Reclamation District No. 2101 Blewett

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River (Spur Levee)	Right	0.30	05/22/2019 05/22/2019	Alberto De Leon

LM Start	0.01	Rating **	A	Issue No.	3
LM End	0.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.659935 °	37.663897 °
				-121.243488 °	-121.242872 °
DWR ID	DWR_RD2101_02_s_2019_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained.					

Photo 1 of 1 : SP\_2019\_RD2101\_327\_3\_20190522\_00002.jpg



Typical view of vegetation on landside slope. (Spring 2019)

LM Start	0.06	Rating **	C	Issue No.	1
LM End	0.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.660683 °	37.662000 °
				-121.243255 °	-121.242853 °
DWR ID	DWR_RD2101_02_f_2018_1				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove vegetation from both slopes.					

No Photos

LM Start	0.06	Rating **	C	Issue No.	2
LM End	0.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.660689 °	37.661829 °
				-121.243257 °	-121.242906 °
DWR ID	DWR_RD2101_02_f_2018_2				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	